



Monitoring Citrix: NetScaler ADC Base Pack

Citrix: NetScaler ADC Base Pack PowerPack version 100

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Chapter

1

Introduction

Overview

This manual describes how to discover a Citrix: Netscaler system and monitor NetScaler devices in Skylar One (formerly SL1) using the "Citrix: NetScaler ADC Base Pack" PowerPack.

This chapter covers the following topics:

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What is the Citrix: NetScaler ADC Base Pack?

The "Citrix: NetScaler ADC Base Pack" PowerPack is a system that enables users to install and manage NetScaler environments via SNMP. Ensure you are running Skylar One version 12.3.1 or later before installing the "Citrix: NetScaler ADC Base Pack" PowerPack.

What Does the Citrix: NetScaler ADC Base Pack PowerPack Monitor?

To monitor Citrix NetScaler ADC Base Pack systems and devices using Skylar One, you must install the "Citrix: NetScaler ADC Base Pack" PowerPack. This PowerPack enables you to discover, model, and collect data about Citrix NetScaler systems and devices.

The "Citrix: NetScaler ADC Base Pack" PowerPack includes:

- An example credential you can use as a template to create an SNMP credential to connect to the NetScaler system you want to monitor
- Dynamic Applications to discover, model, and monitor performance metrics and/or collect configuration data for NetScaler systems and devices
- Device classes for each of the NetScaler systems and devices Skylar One monitors
- Event policies and corresponding alerts that are triggered when NetScaler systems and devices meet certain status criteria

Installing the Citrix: NetScaler ADC Base PackPowerPack

Before completing the steps in this manual, you must import and install the latest version of the "Citrix: NetScaler ADC Base Pack" PowerPack.

TIP: By default, installing a new version of a PowerPack overwrites all content from a previous version of that PowerPack that has already been installed on the target system. You can use the **Enable Selective PowerPack Field Protection** setting in the **Behavior Settings** page (System > Settings > Behavior) to prevent new PowerPacks from overwriting local changes for some commonly customized fields. For more information, see the section on [Global Settings](#).

NOTE: For details on upgrading Skylar One, see the relevant [Skylar One Platform Release Notes](#).

To download and install the PowerPack:

1. Search for and download the PowerPack from the **PowerPacks** page on the [ScienceLogic Support Site](#) (Skylar One > PowerPacks).
2. In Skylar One, go to the **PowerPacks** page (System > Manage > PowerPacks).
3. Click the **[Actions]** button and choose *Import PowerPack*. The **Import PowerPack** dialog box appears.
4. Click **[Browse]** and navigate to the PowerPack file from step 1.

5. Select the PowerPack file and click **[Import]**. The **PowerPack Installer** modal displays a list of the PowerPack contents.
6. Click **[Install]**. The PowerPack is added to the **PowerPacks** page.

NOTE: If you exit the **PowerPack Installer** modal without installing the imported PowerPack, the imported PowerPack will not appear in the **PowerPacks** page. However, the imported PowerPack will appear in the **Imported PowerPacks** modal. This page appears when you click the **[Actions]** menu and select *Install PowerPack*.

Chapter

2

Configuration and Discovery

Overview

The following sections describe how to configure Citrix: NetScaler systems and NetScaler devices for monitoring by Skylar One using the "Citrix: NetScaler ADC Base Pack" PowerPack:

This chapter covers the following topics:

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Configuring an SNMP Credential for Citrix: NetScaler

The "Citrix: NetScaler ADC Base Pack" PowerPack requires you to configure an SNMP credential to enable Skylar One to monitor Citrix: NetScaler devices. The "Citrix: NetScaler ADC Base Pack" PowerPack includes an example SNMP credential that you can edit for your own use.

To create an SNMP credential:

1. Go to the **Credential Management** page (Manage > Credentials).
2. Locate the "Citrix: NetScaler Sample Credential" credential, then click its **[Actions]** icon (⋮). Select *Duplicate* from the drop-down field. The "Citrix: NetScaler Sample Credential...copy" credential appears.
3. Click the **[Action]** icon (⋮) for the "Citrix: NetScaler Sample Credential...copy" credential. Select *Edit* and the **Edit Credential** page appears.

4. Enter values in the following fields:

- **Name.** Type a new name for the credential. This field is required.
- **All Organizations.** Toggle on (blue) to align the credential to all organizations, or toggle off (gray) and then select one or more specific organizations from the **Select the organizations the credential belongs to** drop-down field to align the credential with those specific organizations.
- **Timeout.** Time, in milliseconds, after which Skylar One will stop trying to communicate with the Isilon device. The default value is *1500*. This field is required.
- **SNMP Version.** SNMP version. Choices are *SNMP V1*, *SNMP V2*, and *SNMP V3*. The default value is *SNMP V2*. This field is required.
- **Retries.** Number of times Skylar One will try to authenticate and communicate with the external device. The default value is *1*. This field is required.
- **Port.** The port Skylar One will use to communicate with the external device or application. The default value is *161*. This field is required.

5. Click **[Save & Close]**.

Configuring an SNMP Credential for Citrix: NetScaler in the Classic Skylar One User Interface

The "Citrix: NetScaler ADC Base Pack" PowerPack requires you to configure an SNMP credential to enable Skylar One to monitor Citrix: NetScaler devices in the classic Skylar One user interface. The "Citrix:NetScaler ADC Base Pack" PowerPack includes an example SNMP credential that you can edit for your own use.

To configure the SNMP credential for the classic Skylar One user interface:

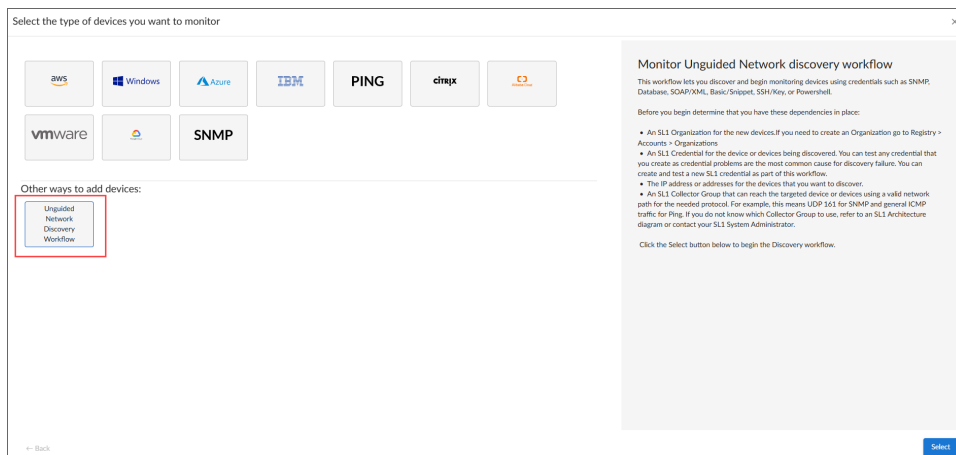
1. Go to the **Credential Management** page (System > Manage > Credentials).
2. Locate the "Citrix: NetScaler Sample Credential" credential, and then click its wrench icon (🔧). The **Edit SNMP Credential** modal page appears.
3. Update the values in the following fields:

- **Name.** Type a new name for the credential. This field is required.
- **Timeout.** Time, in milliseconds, after which Skylar One will stop trying to communicate with the external device. The default value is *1500*. This field is required.
- **SNMP Version.** SNMP version. Choices are *SNMP V1*, *SNMP V2*, and *SNMP V3*. The default value is *SNMP V2*. This field is required.
- **Retries.** Number of times Skylar One will try to authenticate and communicate with the external device. The default value is *1*. This field is required.
- **Port.** The port Skylar One will use to communicate with the external device or application. The default value is *161*. This field is required.

Discovering Citrix: NetScaler Devices

To create and run a discovery session that will discover a Citrix: NetScaler Device:

1. Go to the **Devices** page (📱) or the **Discovery Session** page (Devices > Discovery Sessions) and click the **[Add Devices]** button.
2. Click the **[Unguided Network Discovery Workflow]** button. Additional information about that requirements for discovery appears in the **General Information** pane to the right.



3. Click **[Select]**. The **Add Devices** page appears.
4. Complete the following fields:
 - **Discovery Session Name.** Type a unique name for this discovery session. This name is displayed in the list of discovery sessions on the **[Discovery Session]** tab.
 - **Description.** Optional. Type a short description of the discovery session. You can use the test in this description to search for the discovery session on the **[Discovery Session]** tab.
 - **Select the organization to add discovered devices to.** Select the name of the organization to which you want to add the discovered devices.
5. Click **[Next]**. The **Credentials** page of the **Add Devices** wizard appears.
6. On the **Credentials** page, locate and select the SNMP credential you created for NetScaler devices.

7. Click **[Next]**. The **Discovery Session** page of the **Add Devices** wizard appears.
8. Complete the following fields:
 - **List of IP/Hostnames**. Type the IP address for the NetScaler device.
 - **Which collector will monitor these devices?**. Required. Select an existing collector to monitor the discovered devices.
 - **Run after save**. Select this option to run this discovery session as soon as you save the session.
 - **Advanced options**. Click the down arrow (▼) to complete the following fields:
 - **Discover Non-SNMP**. Enable this setting.
 - **Model Devices**. Enable this setting.
 - **Select Device Template**. If you configured a NetScaler device template, select it here. Otherwise, leave the default selection.
9. If you enabled the **Run after save** option, click the **[Save and Run]** button. The discovery session will run and the **Discovery Logs** page will display any relevant log messages. If the discovery session locates and adds any devices, the **Discovery Logs** page will include a link to the **Device Investigator** page for the discovered device.
10. If you did not enable the **Run after save** option, click the **[Save and Close]** button. The **Discovery Session** page (Devices > Discovery Sessions) will display the new discovery session.

Discovering Citrix: NetScaler Devices in the Classic Skylar One User Interface

To create and run a discovery for Citrix: NetScaler devices in the classic Skylar One user interface:

1. Go to the **Discovery Control Panel** page (System > Manage > Classic Discovery or System > Manage > Discovery in the classic user interface).
2. Click the **[Create]** button to create a new discovery session. The **Discovery Session Editor** window appears.
3. Enter the following values:
 - **IP Address/Hostname Discovery List**. Enter the IP Address or Hostname for the Netscaler device.
 - **SNMP Credentials**. Select the SNMP credential version.
4. Click **[Save]**.

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